

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((("6617539") or ("6344084") or ("4933300")).PN.	USPAT; USOCR	OR	OFF	2009/07/01 14:03
S2	7	("20020058351"   "6649434"   "6664565"   "6939731").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 14:04
S3	24	("20020014631"   "20020025594"   "20020044028"   "5545443"   "5578501"   "6057561"   "6222868"   "6261859"   "6291085"   "6358378"   "6407405"   "6423983"   "6448585"   "6617183").PN. OR ("2002/0058351"   "6649434"   "6664565"   "6939731").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/01 14:13
S4	1150	(p type with zno)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 14:29
S5	634	(p type with zno) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 14:29
S6	415	(p type with zno).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 14:29
S7	0	(p type with zno) and layer by layer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 14:45

S8	8170	(low\$5 with temperature with dop \$3) and (high\$3 with temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:31
S9	5635	(low\$5 near3 temperature with dop \$3) and (high\$3 near3 temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:31
S10	3522	(low\$5 near3 temperature near7 dop \$3) and (high\$3 near3 temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:32
S11	219	((low\$5 near3 temperature near7 dop \$3) and (high\$3 near3 temperature)).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:32
S12	178	((low\$5 near3 temperature near7 dop \$3) and (high\$3 near3 temperature)).ab. and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:32
S13	167	((low\$5 near3 temperature near7 dop \$3) and (high\$3 near3 temperature)).ab. and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:32
S14	33	((low\$5 near3 temperature near7 dop \$3) and (high\$3 near3 temperature)).ab. and ("427".clas. or "438". clas.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/02 13:33
S15	581	438/914-919,936.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:04
S16	62	438/914.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:04
S17	36	438/914.ccls. and temperature	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:05

S18	1957	low with temperature with dop\$4 and high with temperature with (epitax\$3 or crystallin\$4 or film)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:38
S19	64	(grow or deposit) with low with temperature with dop\$4 and high with temperature with (epitax\$3 or crystallin\$4 or film)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:39
S20	159	(grow or deposit) with low with temperature with dop\$4 and high with temperature with (epitax\$3 or crystallin\$4 or film or grow\$3 or deposit\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:39
S21	74	(grow or deposit) with low\$2 temperature with dop\$4 and high\$2 temperature with (epitax\$3 or crystallin\$4 or film or grow\$3 or deposit\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/30 11:56
S22	0	layer by layer and temperature modulation	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 11:14
S23	819	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop\$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/13 13:03
S24	571	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop\$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/13 13:03
S25	721	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop\$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/13 13:04

S26	49	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop \$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth) and ZnO and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/13 13:04
S27	175	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop \$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth) and (ZnS or ZnSe or ZnO) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/13 13:05
S28	1	("6664565").FN.	USPAT; USOCR	OR	OFF	2009/08/13 13:33
S29	9	("6291085"   "6358378").FN. OR ("6664565").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/13 13:59
S30	3502	427/66,379,380.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 11:49
S31	1013	438/914-925.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 11:55
S38	18897	((((grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop \$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth)) or ((temperature near10 modulat\$3 or vary\$3 or chang\$3) near20 dop \$3)) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:14
S39	721	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop \$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:15

S40	2	S39 and S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:15
S41	53	S38 and S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:16
S42	175	(grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop \$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth) and (ZnS or ZnSe or ZnO) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:16
S43	52	S38 and S30 not S42	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:16
S44	2242	((((grow\$3 or deposit\$3) near10 low\$3 near10 temperature near30 dop \$4 and high\$3 near10 temperature near20 (epitax\$3 or crystallin\$4 or film or growth)) or (temperature near10 (modulat\$3 or vary\$3 or chang\$3) near20 dop \$3)) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:17
S45	3	S44 and S30 not S42	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:18
S46	37	S44 and S31 not S42	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:19
S47	166	438/560,566.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:47

S48	79	438/560,566.ccls. and (rais\$3 or lower\$3 or low\$2 or high\$2) with temperature	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:49
S49	19	438/560,566.ccls. and ((rais\$3 or lower\$3 or low\$2 or high\$2) with temperature).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:50
S50	19	438/560,566.ccls. and ((rais\$3 or lower\$3 or low\$2 or high\$2 or increas\$3) with temperature).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 12:51
S51	2	"2005224825".did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 13:37
S52	2	"6939731".did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 13:37
S53	4	("5545443"   "6222868"   "6617183").PN. OR ("6939731").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/14 15:40
S54	1339	rapid\$2 near\$3 thermal \$2 near\$3 anneal\$4 and ZnO	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/14 15:54
S55	11	rapid\$2 near\$3 thermal \$2 near\$3 anneal\$4 with ZnO	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/14 15:54
S56	194	stacked with P-i-n	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:10
S57	133	stacked with P-i-n and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:10
S58	72	stacked with P-i-n and ZnO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:10

S59	4	stacked with P-i-n with ZnO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:10
S60	11491	stack\$3 with (light emitting or LED)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:14
S61	2053	stack\$3 with (light emitting or LED) with surface	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:14
S62	62	stack\$3 with (light emitting or LED) with ZnO	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 17:14

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